

Request for Council Action

Originator Engineering	Item Order Feasibility Study for Signal Optimization and ITS Project (City Project 2016-202)
Agenda Section Consent	Date 3/21/2016
Description	

The City Council is requested to order a feasibility study for the Signal Optimization and Intelligent Transportation Systems (ITS) Project (City Project 2016-202). The proposed project will efficiently manage traffic on the local street system by retiming and coordinating the existing signal systems. These improvements will reduce average fuel consumption and emissions by improving traffic mobility, decreasing travel times, traffic delays, and number of vehicle stops at signalized intersections. Corridors included in the Signal Optimization project include American Boulevard, West Bush Lake Road, 98th Street, Lyndale Avenue, 86th Street, 90th Street, and certain South Loop District roads.

The City received \$896,000 in Federal funds through the Congestion Mitigation and Air Quality (CMAQ) Improvement Program. The Federal funds require 20% cost participation and the City's Municipal State Aid funds will be used for the City's match.

A feasibility study will indicate whether the proposed improvements are necessary, cost-effective, and feasible; whether the improvements should be made as proposed; and the estimated cost of the improvements, funding mechanisms, and preliminary schedule.

Prepared by: Jen Desrude (Engineering Development Coordinator)
Presented by (if necessary): Shelly Pederson (City Engineer)

Requested Action

Authorize the City Engineer to prepare a feasibility report for the Signal Optimization and ITS Project (City Project 2016-202).

Attachments: